**Grade 6**

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| **Unit Title:**  “Catch A Wave”  **Domain: Physical Science** | **Unit Title:**  **“**What’s the Matter?”  **Domain: Chemistry** | **Unit Title:**  “Land Beneath Our Feet”  **Domain: Lithosphere, Cycling, Soil, and Rocks** | **Unit Title:**  “Growing & Flowing”  **Domain: Environment, Life Science** | **Unit Title:**  “Space Invaders”  **Domain: Space, Technology** |
| **Essential Question:** How does a loud car stereo make objects shake?  **Big Idea:** Waves contain energy. The energy within waves can travel through medium and transfer from the wave to objects.  **Core Standards**  RST.6-8.1  RST.6-8.2  RST.6-8.3  RST.6-8.4  RST.6-8.5  RST.6-8.6  RST.6-8.7  RST.6-8.8  RST.6-8.9  RST.6-8.10  **Priority Standards**  6.P.1.1  6.P.1.2  6.P.1.3  6.P.3.1  6.P.3.2  6.P.3.3  **Supporting Standards**  3.P.3.1  3.P.3.2  4.P.3.1  4.P.3.2  5.P.3.1 | **Essential Question:** What is matter and how does it behave?  **Big Idea:** Atoms are the building blocks of all matter. The properties of matter are dependent on the behavior of the atoms.  **Core Standards**  RST.6-8.1  RST.6-8.2  RST.6-8.3  RST.6-8.4  RST.6-8.5  RST.6-8.6  RST.6-8.7  RST.6-8.8  RST.6-8.9  RST.6-8.10  **Priority Standards**  6.P.2.1  6.P.2.2  6.P.2.3  **Supporting Standards**  3.P.2.3  4.P.2.1  5.P.2.3 | **Essential Question:**  How does studying cycles help us understand natural processes on Earth?  **Big Idea:** The structure of the earth has been affected by natural cycles as well as human activities.  **Core Standards**  RST.6-8.1  RST.6-8.2  RST.6-8.3  RST.6-8.4  RST.6-8.5  RST.6-8.6  RST.6-8.7  RST.6-8.8  RST.6-8.9  RST.6-8.10  **Priority Standards**  6.E.2.1  6.E.2.2  6.E.2.3  6.E.2.4  **Supporting Standards**  4.P.2.3  4.E.2.3 | **Essential Question:** What do living things need to survive?  **Big Idea:** The survival of living things is dependent on both the biotic and abiotic factors of its environment.  **Core Standards**  RST.6-8.1  RST.6-8.2  RST.6-8.3  RST.6-8.4  RST.6-8.5  RST.6-8.6  RST.6-8.7  RST.6-8.8  RST.6-8.9  RST.6-8.10  **Priority Standards**  6.L.1.1  6.L.1.2  6.L.2.1  6.L.2.2  6.L.2.3  **Supporting Standards**  3.L.2.1  3.L.2.2  5.L.2.2  5.L.2.3 | **Essential Question:**  What is Earth’s role in the solar system?  **Big Idea:** The position of Earth in the universe is the reason for its ability to support life.  **Core Standards**  RST.6-8.1  RST.6-8.2  RST.6-8.3  RST.6-8.4  RST.6-8.5  RST.6-8.6  RST.6-8.7  RST.6-8.8  RST.6-8.9  RST.6-8.10  **Priority Standards**  6.E.1.1  6.E.1.2  6.E.1.3  **Supporting Standards**  3.P.1.3  3.E.1.1  4.E.1.1  4.E.1.2 |